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(71) **Applicant (for all designated States except US): STRATEGIC TECHNOLOGIES INC. [CA/CA]; Building A #102, 17802 - 66th Avenue, Surrey, British Columbia V3S 7X1 (CA).**

(72) Inventor; and

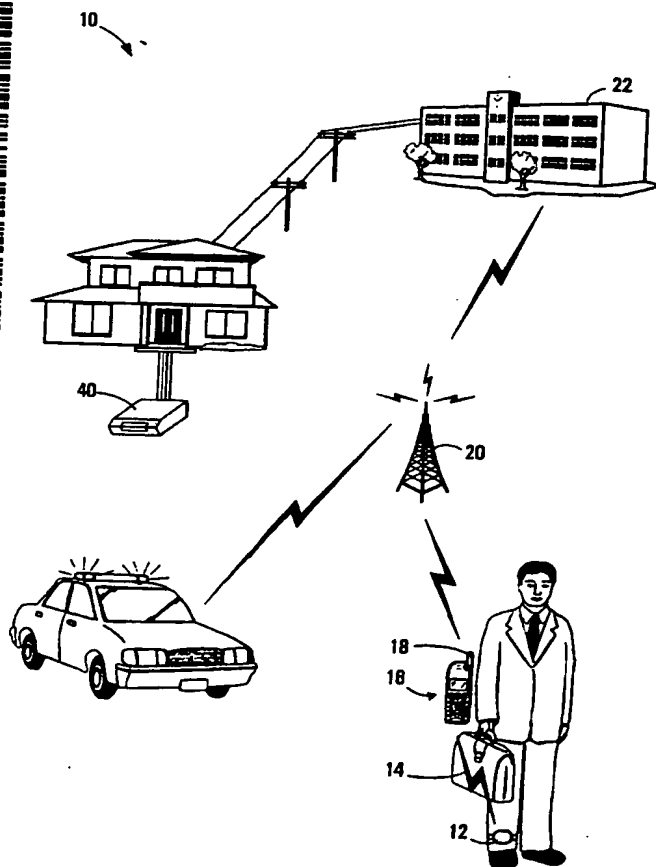
(75) **Inventor/Applicant (for US only):** **BLAKEWAY, Douglas, H.** [CA/CA]; 1233-231st Street, Langley, British Columbia V2Z 2X1 (CA).

(74) **Agents:** KNOX, John, W. et al.; Smart & Biggar, Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).

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(54) Title: ELECTRONIC LOCATION MONITORING SYSTEM



(57) Abstract: A method and apparatus for operating a monitoring unit operable to receive signals from a mobile transmitter in an electronic location monitoring system involves causing a first receiver to change a signal reception threshold thereof for receiving signals from the mobile transmitter, in response to proximity of the monitoring unit relative to a reference position whereby the receiver rejects signals received from the mobile transmitter that have a signal strength below the signal reception threshold and receives and processes signals received from the mobile transmitter that have a signal strength above the signal reception threshold. Alternatively, detection of a first monitoring unit in proximity to a second monitoring unit may cause the second monitoring unit to take over receiving signals from the mobile transmitter while the first monitoring unit is put into a low power mode.

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